Clean Copy of Amendment to Specification

Referring to FIG. 3C, a balloon catheter 90 includes the light device of FIG. 3A. Air or fluid may inflate the balloon portion 93 of the catheter 90. The balloon 93 includes a polymeric stent 91. The discharge lamp 57 inside the balloon 93 hardens the distended polymeric stent 91 by irradiating the polymeric stent 91. In one embodiment, the polymeric stent 91 comprises a UV-curable epoxy or adhesive to assist in hardening of the stent 91. Loctite 3761 adhesive "Litetak" is an example of a UV-curable adhesive. A fibrous stent may be hardened by impregnating the stent with some of the UV-curable adhesive and illuminating it with the intense light output of the discharge tube in-vivo. The inflation lumen 95 may include a cooling fluid to cool the discharge tube 57. An inner sliding member 96 may be used to adjust the position of the discharge tube 57 inside the balloon 93.